

Title (en)  
Electrostatic atomizer

Title (de)  
Elektrostatischer Zerstäuber

Title (fr)  
Atomiseur électrostatique

Publication  
**EP 1745716 B1 20100303 (EN)**

Application  
**EP 06023389 A 20050927**

Priority  
• EP 05256010 A 20050927  
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• JP 2005022167 A 20050128

Abstract (en)  
[origin: EP1639910A2] In an electrostatic atomizing hairdryer (1), electrostatically atomized mist generated in an electrostatic atomizing unit (6) is effectively scattered into airflow emitted from a main body (10) of the hairdryer (1) so that the mist can be sprayed to hair uniformly and a time necessary for treatment of hair can be shortened. A tank (61) constituting the electrostatic atomizing unit (6) is detachably provided on a portion in the vicinity of an outer periphery of the main body (10), and an electrode unit (60) for generating the mist is provided in a path of airflow sucked in an inside of the main body (10) so as to be insulated from heat of a heating unit (5) by an adiabator (50). A mist emitting opening (70) from which the mist is emitted is disposed on a plane substantially the same as and at substantially the center of an air exit opening (14) of the main body (10). Thereby, the mist emitted from the mist emitting opening (70) is effectively scattered into the airflow emitted from the air exit opening (14).

IPC 8 full level  
**B05B 5/16** (2006.01); **A45D 19/16** (2006.01); **A45D 20/12** (2006.01)

CPC (source: EP KR US)  
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